



PTO/SB/08A (10-01)

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |  | Application Number       | 10/673,638 |  |
|   |  | Filing Date              | 09/29/2003 |  |
|   |  | First Named Inventor     | Vacon      |  |
|   |  | Art Unit                 | 2887       |  |
|   |  | Examiner Name            | Nguyen     |  |
| Sheet <b>2</b> of <b>3</b>  |  | Attorney Docket Number   | 160-007    |  |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials     | Cite No. <sup>1</sup> | Document Number<br>Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| KN                    |                       | US-5,483,894  | 02/20/1996                     | Vicsek et al.                                      |   |
| KN                    |                       | US-6,288,537  | 07/24/2001                     | Kashner et al.                                     |   |
| KN                    |                       | US-2004/0054767   | 03/18/2004                     | Karagoz et al.                                     |   |
| KN                    |                       | US-5,963,848  | 10/05/1999                     | D'Avallo   |   |
| KN                    |                       | US-5,608,727  | 02/25/1997                     | Ueda   |   |
| KA                    |                       | US-6,208,629  | 03/10/1999                     | Jaszowski  |   |
| KN                    |                       | US-6,574,474  | 05/20/1998                     | Nielson  |   |
| KA                    |                       | US-6,522,881  | 03/08/2000                     | Fedat  |   |
|                       |                       | US-   |                                |  |   |
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| FOREIGN PATENT DOCUMENTS |                       |  |                                |  |   |
|--------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials        | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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| Examiner Signature | <i>Changyue</i> | Date Considered | 12/10/2005 |
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<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.  
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |   | Application Number       | 10/673,838 |
|   |   | Filing Date              | 09/29/2003 |
|   |   | First Named Inventor     | Vacon      |
|   |   | Group Art Unit           | 2637       |
|   |   | Examiner Name            | Nguyen     |
|   |   | Attorney Docket Number   | 160-007    |
| Sheet   | 3 | of                       | 3          |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |          |   |
|---|----------|---|
| Examiner Initials*                                | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| KN  |          | IEEE, Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications, Standard 802.11, 1999 edition, Reference number ISO/IEC 8802-11:1999(E), 528 Pages.   |
| KN  |          | MICHAEL BARR, "Tower a Smaller Java", Embedded.com, June 14, 2002, Pages 1-9.   |
| KN  |          | Moustafa Youssef, "Handling Samples Correlation in the Hous System", IEEE INFOCOM 2004  |
| KN  |          | NO MONTH LISTED   |
| KN  |          | Kim K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs-research, January 19, 2000.  |
| KN  |          | Ana Zapater et al., "Development and Implementation of a Bluetooth Networking Infrastructure for the a Notebook - University Scenario", Institute of Communications Engineering, University of Hannover, May 13, 2003.  |
| KN  |          | Walter Klotz, "Graph Coloring Algorithms", 1999   |
| KN  |          | NO MONTH LISTED   |
| KN  |          | Brant N. Chun et al., "Market-based Proportional resource Sharing for Clusters", University of California at Berkeley computer Science Division, September 1999.  |
| KN  |          | The Four Color Theorem, Web page, authors(s) unknown, updated November 13, 1995.  |
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|--------------------|--------------------|-----------------|------------|
| Examiner Signature | <i>Chau Nguyen</i> | Date Considered | 12/10/2005 |
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |   | Application Number       | 10/873,838 |
|   |   | Filing Date              | 09/29/2003 |
|   |   | First Named Inventor     | Vacon      |
|   |   | Art Unit                 | 2887       |
|   |   | Examiner Name            | Nguyen     |
|   |   | Attorney Docket Number   | 160-007    |
| Sheet   | 1 | of                       | 1          |

| U.S. PATENT DOCUMENTS |                       |  |                                |   |   |
|-----------------------|-----------------------|--|--------------------------------|---|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number - Kind Code <sup>2</sup> (if known) |                                |   |   |
| EN                    |                       | US-8,785,407                               | 09/21/2004                     | Chesson   |   |
| EN                    |                       | US-8,970,815                               | 03/22/2005                     | McFarland et al.                                |   |
|                       |                       | US-  |                                |   |   |
|                       |                       | US-  |                                |   |   |
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| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |                |
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| Examiner Signature | <i>Chung</i> | Date Considered | 12/10/2005 |
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